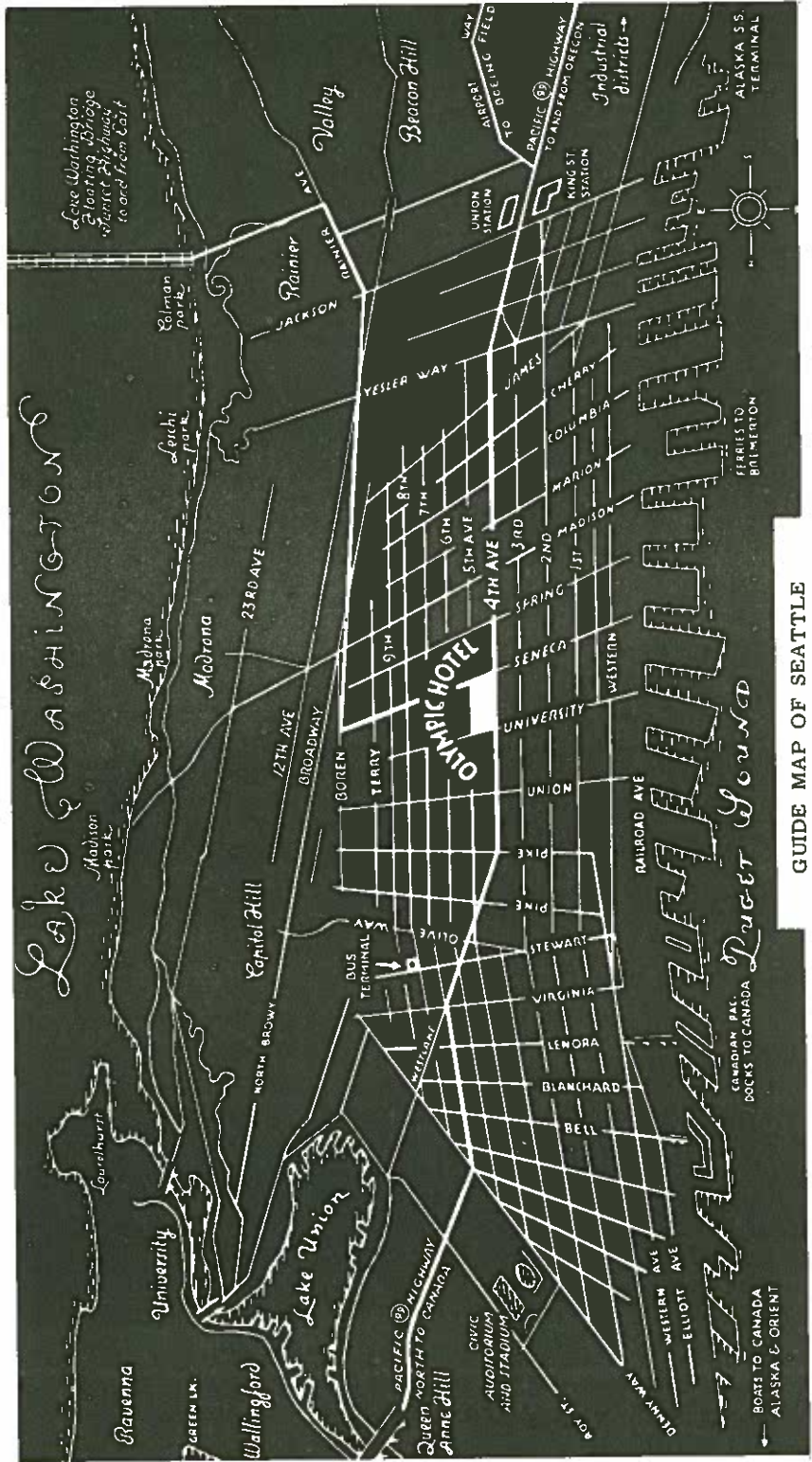




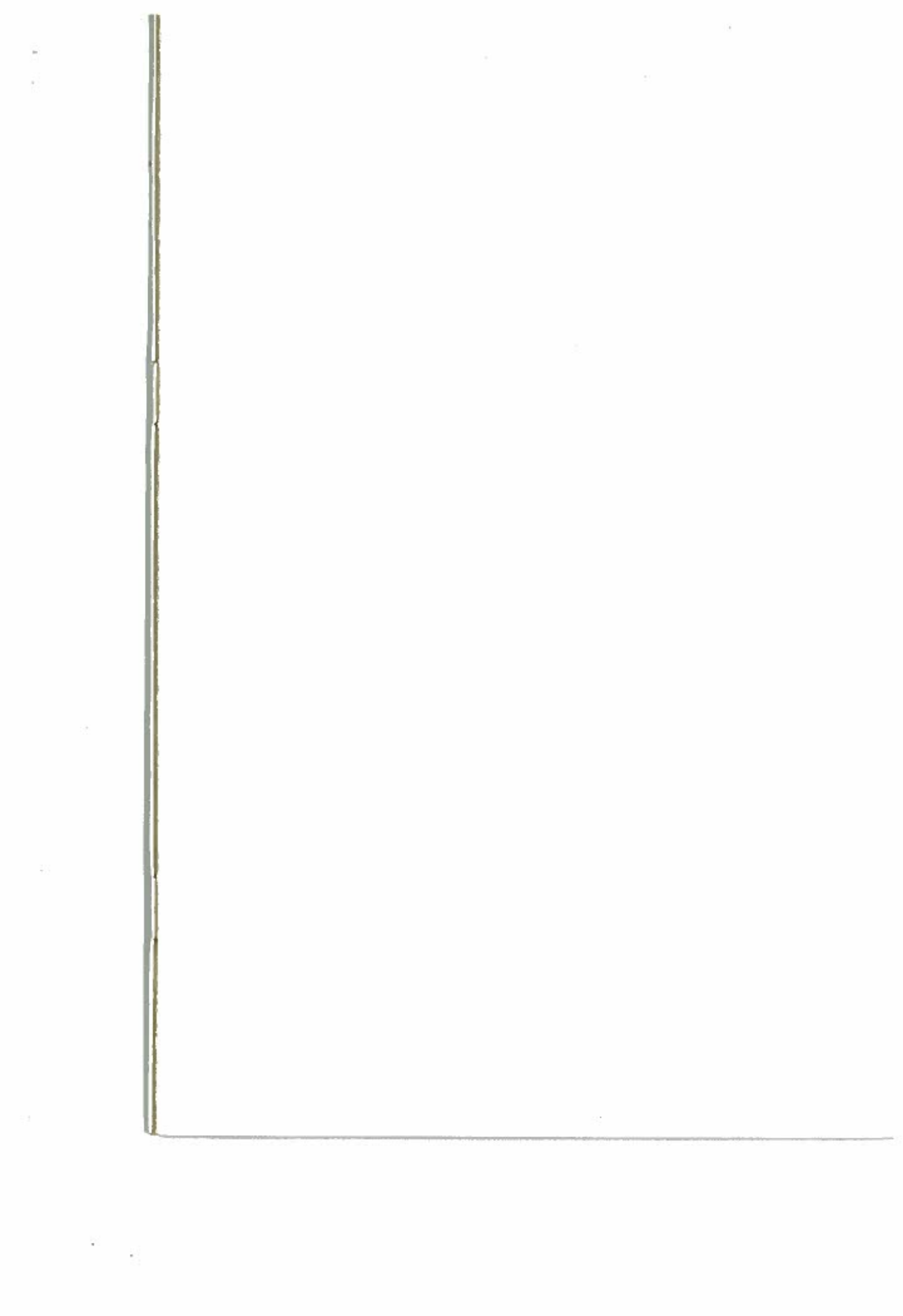
Sixth
**NATIONAL
CONVENTION
A. R. R. L.**

SEATTLE, WASHINGTON

July 27, 28, 29, 1951



GUIDE MAP OF SEATTLE



WELCOME!

On behalf of the Officers of the American Radio Relay League, and the entire membership of the two sponsoring Seattle amateur radio clubs, may we extend to you all a warm and cordial welcome to Seattle and the Evergreen State.

We trust that your visit to this city and the Puget Sound area will long live in your album of memories.

This is the first National Convention west of the Mississippi River - thus in a way, all of us are sharing a historic significance.

We wish all amateur radio men everywhere an unending era of goodwill and friendship, and have a satisfaction in knowing that we have in some measure added to the better things of life.

THE AMERICAN RADIO RELAY LEAGUE, INC.

PAST PRESIDENTS

Hiram Percy Maxim, W1AW, 1914-1936
Eugene C. Woodruff, W8CMP, 1936-1940

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Paul M. Segal
Washington, D.C.

Assistant Secretaries:

John Huntoon, W1LVQ; Richard L. Baldwin, W1IKE;
Harry Paston, W1DJV





THE CONVENTION COMMITTEE

TOP (l to r): Johnson W7FD; King W7NRB; Newman W7CO; Hoffman, W7DL; Vandernay W7DET; Burnett W7CV (ex-W2GKB); Peterson W7NL.

MIDDLE (l to r): Sullivan W7EOP; Mrs. Nye W7LCS; Mrs. Viers W7COX; Gruble W7RT; Mrs. Zandbergen (XYL of W7KZP); Swafford W7MEU; Morgan W7GNY.

BOTTOM (l to r): Lockwood W7JWE; Zandbergen W7KZP; Arpke W7LOZ; Suriano W7HUL; Entrop W7JXR; Johnston W7DXF.

Others not in photo: W7AA, W7AAH, W7BG, W7BL, W7BQS, W7CPY, W7EKA, W7FIX, W7FNA, W7GRM, W7GSR, W7GUV, W7IGM, W7IKY, W7IOQ, W7JWC, W7KEU, W7KGC, W7KKZ, W7KV W7VT



A MESSAGE

FROM THE

GENERAL CHAIRMAN

I wish to take this opportunity to thank the many amateurs and friends who have made the Sixth National ARRL Convention a successful reality.

Some of you have been working at it for more than a year. Others have come in more recently to help us when the going got tough.

To all of you, no matter how slight your contribution, please feel assured that all your help, no matter how seemingly trivial, has been of vital importance.

And to our advertisers and exhibitors, our profound thanks! Delegates to the convention are urged to take careful note who these advertisers are, and to accord them the goodwill they so justly deserve.

Again, my thanks!

JOHN GRUBLE, W7RT
General Chairman

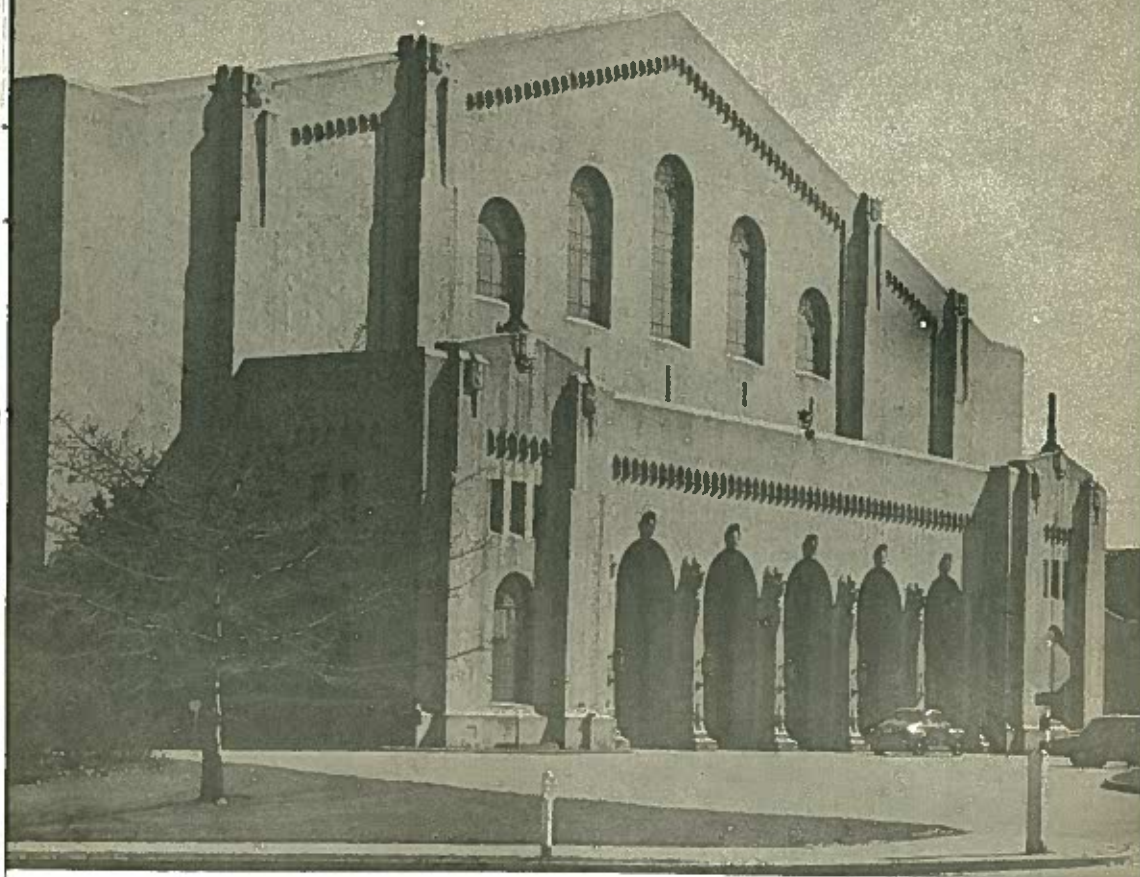
THE YLs



MRS. TODDY NYE, W7LCS, Seattle
In Charge of Women's Program
Licensed YL Operators
Headquarters:
Women's Committee Room
Olympic Hotel



MRS. MONICA ZANDBERGEN, XYL
of W7KZP, Seattle
In Charge of Women's Program
Non-Radio Guests
Headquarters:
Women's Committee Room
Olympic Hotel



CIVIC AUDITORIUM, located at 3rd Ave. North and Mercer Street. Scene of the large convention meetings and exhibit. **OPENS AT 9:00 AM (Daylight Saving Time) SATURDAY, JULY 28.** (Delegates are asked to please. NOT enter this building before that time.)

Schedule here Saturday includes: Exhibits, welcoming ceremonies, ARRL business meeting, Civil Defense Forum, radio broadcasts, entertainment and dance.

SUNDAY, JULY 29: Reopens 10:00 AM (Daylight saving time). Open to the public, 1:00 PM to 4 PM, by popular demand. Admission prices, adults \$1.00, children 50¢. **NOTE:** Convention delegates will be scheduled at other points during this time. See program.

BANQUET: Convention delegates assemble here at 6:00 PM (DST) Sunday for banquet.

Official Convention Station W7AA is in operation in this building, room 102. The telephone is GARfield 1164. There is a teletype connection direct to the Olympic Hotel. Calling frequencies: 29mc, (phone) and 3970kc (phone); the station will QSY slightly off frequency to avoid QRM to mobiles at remote points. (Special QSL cards for QSOs with W7AA.) Call is owned by Harold Renfro, committee member, who secured it as the first seventh district call issued immediately after World War I.

During Sunday, parking lot in front of building reserved for ARRL Convention cars. **MUST** display official ARRL windshield sticker.



NAT BURNETT, W7CV
Housing Chairman



CDR. EARL LOCKWOOD, USN
W7JWE
Military Liaison



BOB HOFFMAN, W7DL
DX Program



ART PETERSON, W7NL
Golf Chairman



CASTLE ARPKE, W7LOZ
ROWH Chairman



MRS. FRAN VIER, W7COX
Hostess, OEN Room



ART DAILEY, W7BL
Engineering Assistant



BILL VANDERMAY, W7DET
Broadcast Chairman



HAROLD JOHNSTON, W7DXF
President, West Seattle
Radio Club, Inc.
(Exhibit Hall Chairman)



ED ZANDBERGEN, W7KZP
President, North Seattle
Amateur Radio Club, Inc.
(Convention Chief Technician)



WALT MITCHELL, W7VI
Greeters Chairman



MRS. MYRNA GAMBLE
Chief Stenographer



DON NEWMAN, W7CO
Hidden Transmitter Man



HAROLD JOHNSTON, W7DXF
President, West Seattle
Radio Club, Inc.
(Exhibit Hall Chairman)



ED ZANDBERGEN, W7KZP
President, North Seattle
Amateur Radio Club, Inc.
(Convention Chief Technician)



WALT MITCHELL, W7V1
Greeters Chairman



MRS. MYRNA GAMBLE
Chief Stenographer



DON NEWMAN, W7CO
Hidden Transmitter Man



CONVENTION MOBILE CONTESTS COMMITTEE

Officers of Radio Club of Tacoma, Inc.: (Left to right) Eugene Dodge, W7BTU, Vice-President; Alex Braidwood, W7AZR, President; Max Bice, W7AEA, Trustee; Cliff Osborne, W7MFG, Secretary; David W. Noonan, Treasurer. (Mobile contests judges.)



EUGENE H. DODGE, W7BTU
President, Puget Sound Council
of Amateur Radio Clubs
Civil Defense Forum Chairman
National Convention



KARL W. WEINGARTEN, W7BG
Alternate Director, Northwestern
Division, ARRL
Honorary Member Convention
Committee

Program

Friday - July 27

All activities originate from Olympic Hotel. Please do NOT enter Civic Auditorium until Saturday. (All time is Pacific Daylight Saving).

| <u>Time</u> | <u>Event</u> | <u>Place</u> |
|-------------|--|--|
| 8:00 AM | Meet trains from East | King Street Station (NP-GN) |
| 8:00 AM | FCC Exams, Amateur Licenses | Federal Office Bldg. Free transportation from Olympic Hotel to FCC office for applicants. |
| 9:30 AM | REGISTRATIONS OPEN | Spanish Lounge, Olympic |
| 9:45 AM | Golf Tournament | Assemble Parlor E, Olympic. Play at Sand Point Golf & Country Club. W7NL, Art Peterson, host. Prizes |
| 11:45 AM | Luncheons | See bulletin board, Spanish Lounge, Olympic |
| 1:00 PM | Motion Pictures (movie equipment courtesy of Eastman Kodak Stores, Inc.) | Parlor F, Olympic. Continuous showings until 9:00 PM. For registered guests only. See movie schedule sheet for listings. |
| 1:30 PM | University of Washington Tour | Assemble Metropolitan Square north of Olympic. Arrive at U of W Campus 2:00 PM. Visit Cyclotron |
| 2:00 PM | Government Locks Tour | Leave with car caravan. Tour leader, W7BL/mobile, on 29.2 mcs phone. |
| 2:15 PM | Lake Washington Bridge Tour | Leave with car caravan. Tour leader, W7MEU/mobile, on 28.950kc phone. |
| 2:30 PM | Municipal Market Tour | Walk from Olympic and return. Delightful visit through business district. Especially of interest to women |
| 6:00 PM | Dinners | See bulletin board. Spanish Lounge, Olympic. |
| 6:30 PM | Visit Radio Broadcast, Texas Jim Lewis' Rainier Ranch, broadcast over KIRO | Mountain Room, Rainier Brewing Co. Arrive at 7:00 PM. Limited attendance. |
| 8:00 PM | Deluxe Gab Session Jamboree | Spanish Ballroom, Olympic. PRE-REGISTRATION DRAWINGS; (Winners need not be present.) |



THE NEW NC-125

featuring a built-in

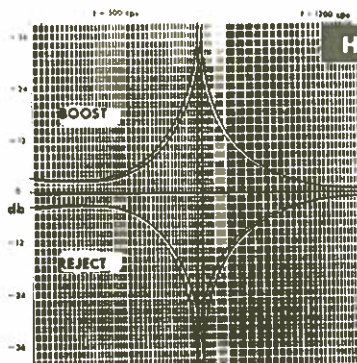
SELECT-O-JECT

sensational new audio filter

Here at last is an up-to-the-minute general coverage receiver, incorporating all the latest engineering improvements, including exclusive SELECT-O-JECT audio filter — yet moderately priced more, it's built with all the honest craftsmanship and rugged, dependable quality that have made National the world's foremost maker of communication radio receivers.

\$149⁵⁰

(Less speaker - Slightly higher west of the Rockies)



HOW THE SELECT-O-JECT OPERATES

With the patented, built-in SELECT-O-JECT, it is possible to boost any single selected audio frequency 38 db or reject any single frequency 45 db within the range of 100 cps to 12,000 cps. This makes it possible to practically eliminate annoying heterodynes, whistles, and unwanted signals. The resultant high degree of selectivity surpasses that of much higher-priced receivers.

National



NC-183

One of the most popular receivers National ever built. All the wanted features from two-stage R.F. to high fidelity push-pull audio.

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HRO-50T1



All the world-famous, time-tested HRO features plus the highest degree of skirt selectivity ever achieved in a general communications receiver!

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you spend,



SW-54

The hottest little receiver on the market! Covers entire range from 540 kc. to 30 mc. with amazing sensitivity, yet measures only 11" x 7" x 7"!

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*you'll always
be glad
you
chose a*

all 3 available for immediate delivery

Slightly higher
West of the Rockies

SEE INSIDE AND THEN DECIDE!

National



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* Slightly higher west
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**THE NEW
NC-125**

featuring a built-in

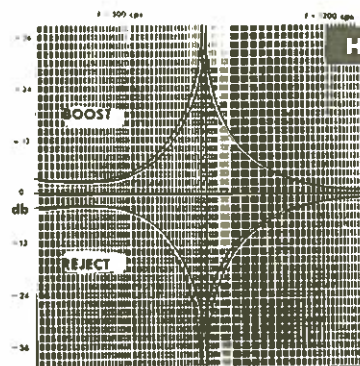
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regardless of how much or how little
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SW-54

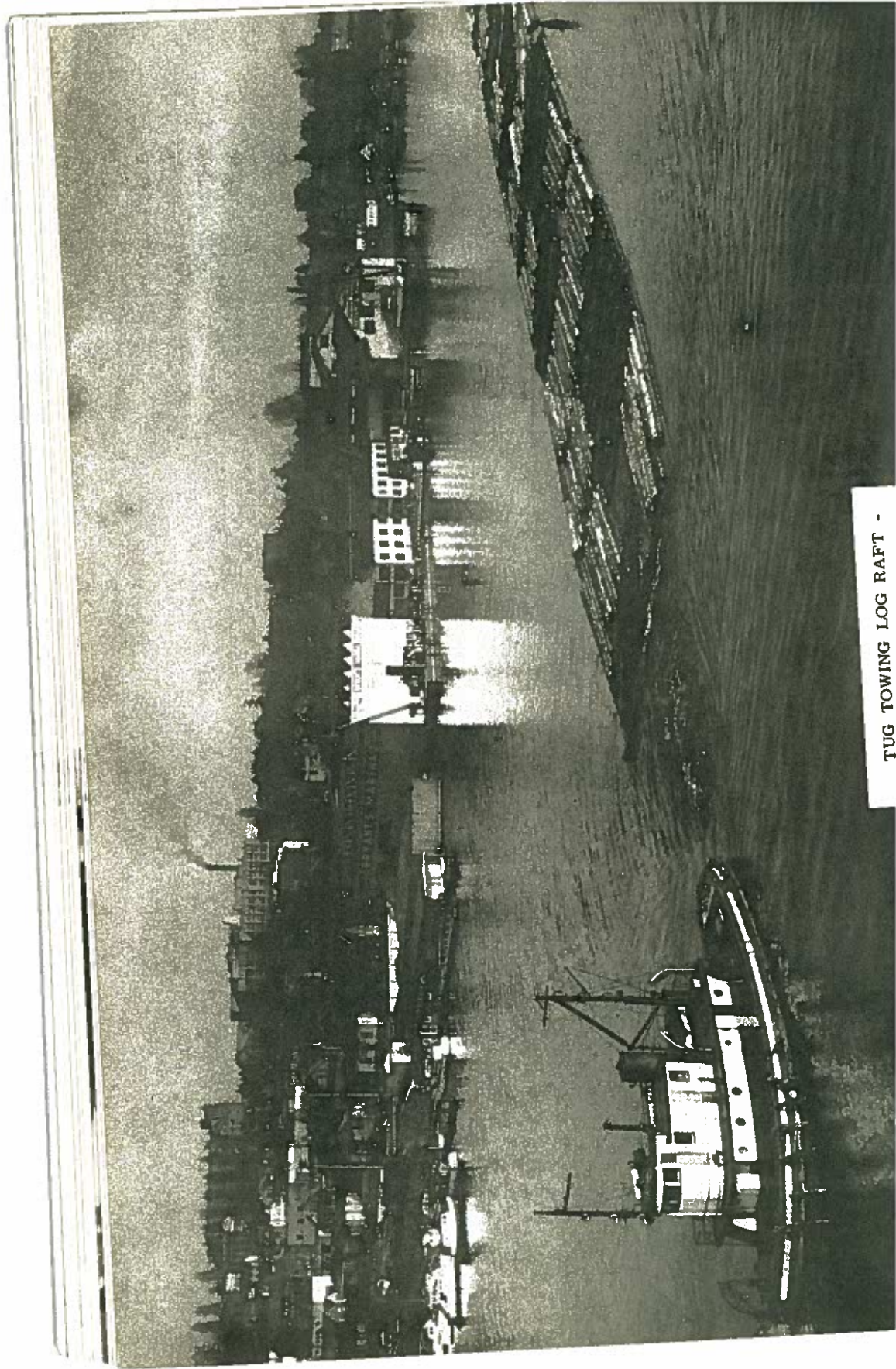
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be glad
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TUG TOWING LOG RAFT -

YOU'LL ALWAYS BE GLAD YOU BOUGHT COLLINS

The Collins 75A-2 double conversion superheterodyne amateur receiver. Permeability tuned; crystal controlled h-f oscillator; dial calibrated directly in frequency; extremely high selectivity, sensitivity, stability, and tuning accuracy; high signal to noise ratio; 50 db image rejection on all bands; automatic noise limiter; amplified, delayed AVC with quick recovery; miniature tubes.



New Collins 32V-3 amateur transmitter. 150 watts input CW 120 watts phone; 70E-8A VFO controlled, bandswitching, gang tuned; designed for maximum reduction of TVI by means of added tuned circuits in the exciter and an added L section in the unbalanced pi output network, plus double shielding and filtering of all leads.



New Collins KW-1 amateur transmitter. One Kilowatt input AM, NBFM phone, and CW; designed to avoid TVI with additional attention in the antenna network and filtered control leads; completely shielded r-f assembly; usual excellent Collins audio with speech clipper and high level low pass filter for bandwidth limitation; exciter, single control tuning; single bandswitch for entire transmitter; output 50 ohms (3 to 1 standing wave ratio.)

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Entertainment feature Saturday evening, July 28, at Civic Auditorium

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JULY 28 - 29

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**PROFESSIONAL
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**STOCK UTILITY
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and has since that time gained
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This new service will carry one step further
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course, this service is rendered without obliga-
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Tube Divisions, Electronics Department

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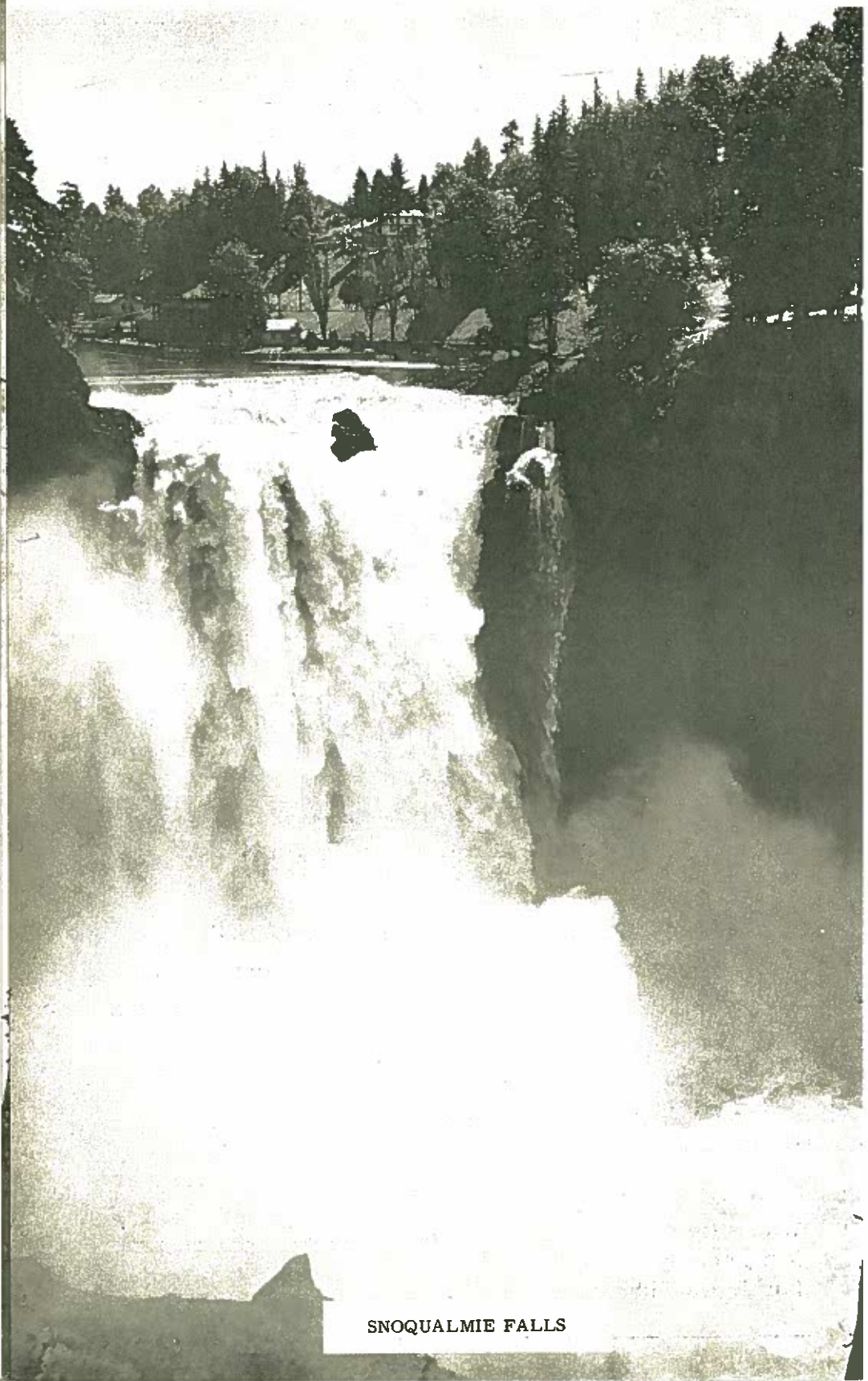
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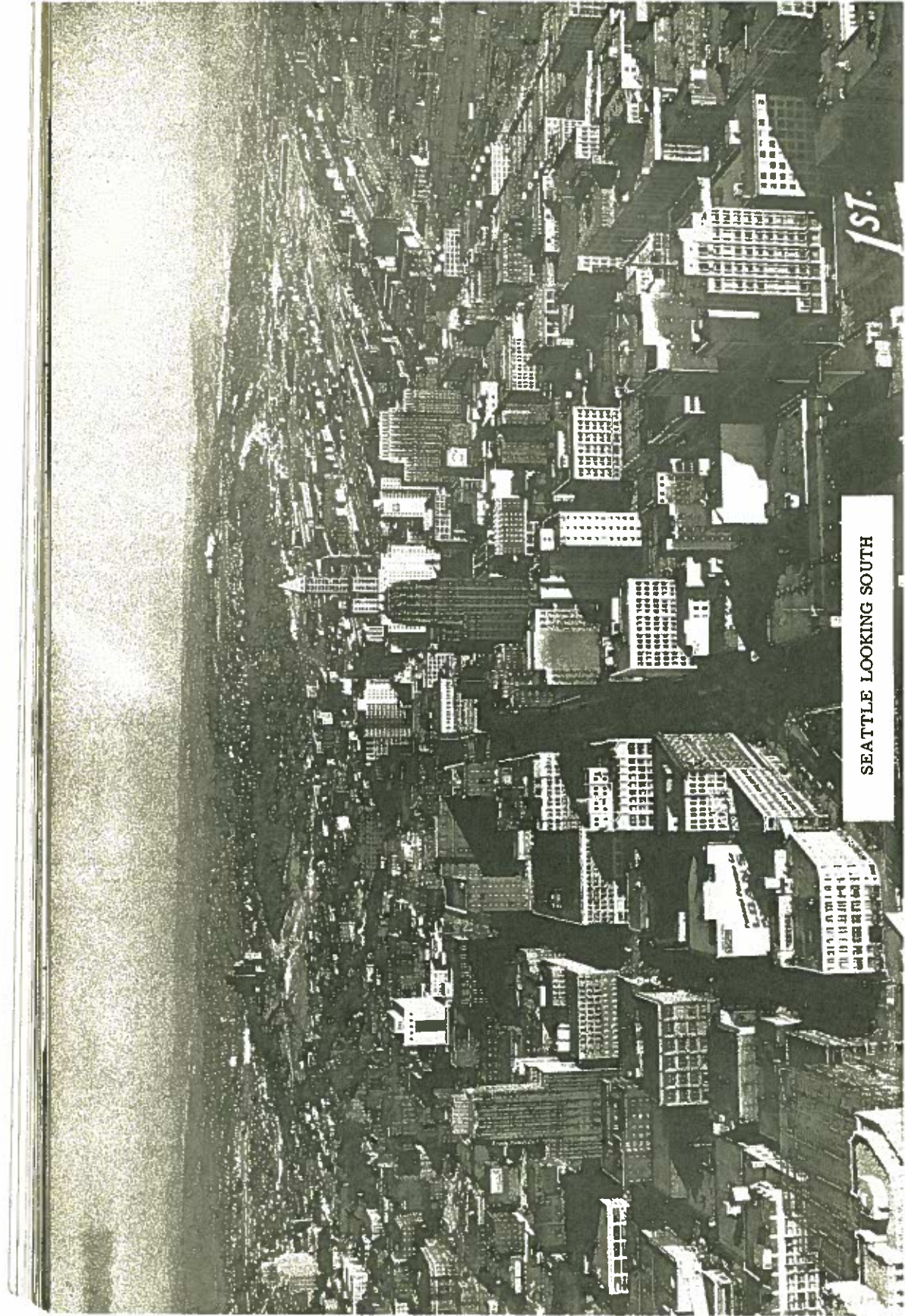
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-Leo. I. Meyerson, WØGFQ

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Official Convention Photos

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Vermont 8511

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\$25 deposit with order - balance C.O.D.

Coils for 80, 20, and 10 meters, \$2.91 pr set

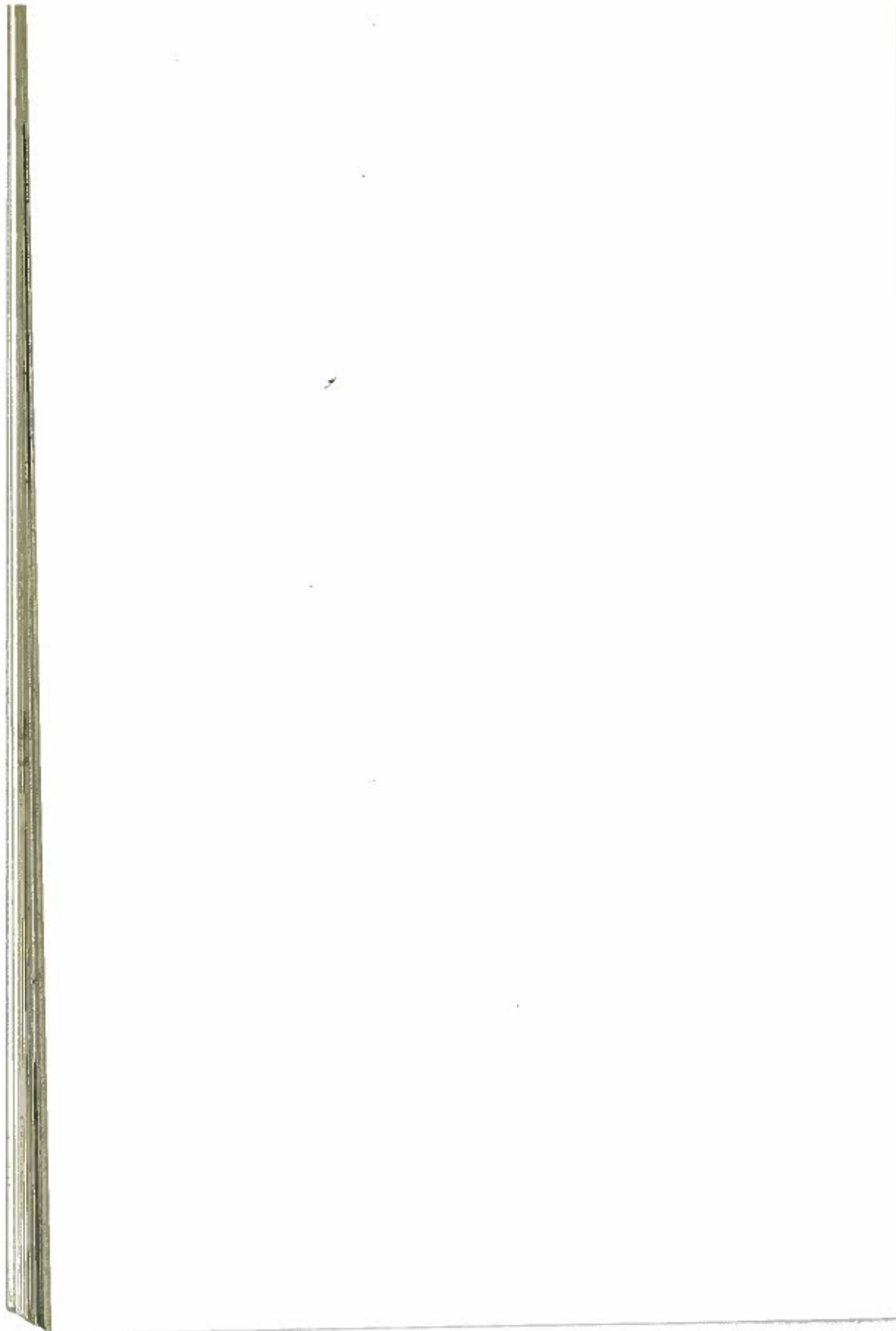
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Equipped for CAP 2374 Kc\$84.95

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of Ham Performance!



The New
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SENSITIVITY...SELECTIVITY never before combined!

MAXIMUM Sensitivity!

the hallicrafters co.
ENGINEER'S INSPECTION
REPORT

MODEL S-76 SERIAL NO. 114747 CHICAGO

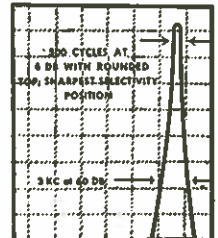
| TEST | SENSITIVITY | SELECTIVITY |
|-------|---------------|--------------|
| IN DB | IN MICROVOLTS | CONTROL POS. |
| 1 | 9.2 | 0.13db |
| 2 | 5.0 | 0.2 |
| 3 | 4.8 | 0.3 |
| 4 | 4.2 | 0.4 |
| 5 | 3.1 | 0.5 |
| 6 | 2.0 | 0.6 |
| 7 | 1.0 | 0.7 |
| 8 | 0.5 | 0.8 |
| 9 | 0.2 | 0.9 |
| 10 | 0.1 | 1.0 |
| 11 | 0.05 | 1.1 |
| 12 | 0.02 | 1.2 |
| 13 | 0.01 | 1.3 |

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2 microvolts average sensitivity with ½ watt output. One r-f, two i-f, and two conversion stages. 9 tubes plus regulator and rectifier.

PENCIL-THIN Selectivity!

500 cycle "nose" selectivity (6 db down) and 3 kc "skirt" selectivity (60 db down) with control in sharpest of five positions.



Also see the SX-71, double conversion receiver with NBFM; 11 tubes plus regulator and rectifier . . . \$199.50

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